

ESE

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AN RSH COMPANY

**ENVIRONMENTAL SCIENCE
AND ENGINEERING, INC.**

November 25, 1985

ESE No. 85 275 1000

Ms. Cherryl Barnett
Department of the Navy
Atlantic Division, Code 1143
Naval Facilities, Engineering Command
Bldg. N23, Gilbert Street
Norfolk, Virginia 23511

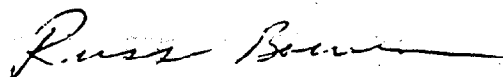
RE: Contract No. N62740-85-B-7972, Confirmation Study, U.S. Naval Complex,
Puerto Rico

Dear Ms. Barnett:

Enclosed is the progress report for the period of September 27, 1985 through
November 15, 1985.

Please do not hesitate to call me if you have any questions regarding this
progress report.

Sincerely,



Russell V. Bowen, P.E.
Project Manager

RVB/tw

enclosure

cc: Mike Keirn, ESE

MONTHLY PROGRESS REPORT

PERIOD 9/27/85 THROUGH 11/15/85

U.S. NAVAL COMPLEX, PUERTO RICO CONFIRMATION STUDY

WORK ACCOMPLISHED

1. Prepared Quality Assurance (QA) Manual and forwarded the QA Manual to the Mitre Corp.
2. Prepared Preliminary Work and Safety Plan and forwarded the Plan to NAVFAC, the Naval Security Group Activity (NSGA) Sabana Seca, and Naval Station (NAVSTA) Roosevelt Roads.
3. Provided technical support during the Mitre Corp. audit of ESE's laboratory facilities in Gainesville, Florida.
4. Attended Plan of Action and Milestones (POA&M) development meetings at NSGA Sabana Seca and NAVSTA Roosevelt Roads.
5. Performed site reconnaissance of Sites 6 and 7 at NSGA Sabana Seca.
6. Initiated site reconnaissance of sites at NAVSTA Roosevelt Roads.

PROBLEMS ENCOUNTERED

1. In July 1985, a cost proposal for drilling services on the U.S. Naval Complex, Puerto Rico Confirmation Study was received by ESE from Geotec Associates and Caribbean Soil Testing Company, Inc. (CST). Geotec's cost estimate was over 25 percent higher than CST's bid. Subsequently, Geotec served as a drilling subcontractor to ESE on a hazardous waste site investigation for a private industrial client in Puerto Rico. A problem developed on this project which led to the development of a poor business relationship between ESE and Geotec. As a result, ESE dismissed Geotec, and hired CST as a drilling subcontractor. ESE was very pleased with CST's competent performance on this project, and an excellent business relationship formed between ESE and CST in the performance of this project. Therefore, ESE intends to select CST as the drilling subcontractor for the U.S. Naval Complex Puerto Rico Confirmation Study, and firmly believes that CST's qualifications and experience, and the good working relationship between ESE and CST, are in keeping with the selection criteria for the subject contract.

2. The laboratory audit for QA approval required almost three times the labor originally estimated for this task. The original labor estimate was based on the EIC's direction that the labor for this task should be based on a 1-day audit. However, the actual audit covered a 16-hour period which was distributed over 3 days, and The Mitre Corporation did not indicate that the length of time required for the audit of ESE was unordinary or indicative of a problematic laboratory.

PERCENTAGE OF WORK COMPLETED

Approximately 6 percent.

PLANS FOR FOLLOWING MONTH

1. Finalize Work and Safety Plan.
2. Obtain NAVFAC approval of laboratory.
3. Initiate monitor well installation, surface water, sediment, ground water, and soil sampling and sample analyses.

CONFIRMATION OF ANY CLARIFICATIONS OR TECHNICAL GUIDANCE

In accordance with discussions with the EIC during the site reconnaissance of NSGA Sabana Seca and NAVSTA Roosevelt Roads, the following changes in the scope of services have been made:

1. Delete three soil samples for pesticides analysis at Site 6, NSGA Sabana Seca. This represents a cost reduction of \$435.00 (3 samples @ \$145/sample = \$435.00).
2. Add two soil samples for EP Toxicity test metals analysis at Site 12, NAVSTA Roosevelt Roads. This represents a cost increase of \$380.00 (2 samples @ \$190/sample = \$380.00).
3. Delete the development of a performance work statement (PWS) and quality assurance (QA) plan for remedial action at Site 5, NAVSTA Roosevelt Roads, and add the development of a PWS and QA Plan for remedial action at Site 16, NAVSTA Roosevelt Roads. This represents a cost reduction of approximately \$300.00

The effect of these changes in scope is a net cost reduction of \$321.00. However, this cost reduction is offset by the additional labor required for the laboratory audit described above.